

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 136  | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 11:56 |
| L2    | 35   | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and ((vane or vanes) near3 (ring or rings))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 13:08 |
| L3    | 313  | 415/164.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:11 |
| L4    | 70   | 415/164.ccls. and (spacer or spacers or pin or pins)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:11 |
| L5    | 271  | 415/160-166.ccls. and (spacer or spacers or pin or pins)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:11 |
| L6    | 89   | 415/160-166.ccls. and (spacer or spacers or pin or pins) and ((vane or vanes) near2 (ring or rings))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:28 |
| L7    | 22   | 415/160-166.ccls. and (spacer or spacers) and ((vane or vanes) near2 (ring or rings))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:36 |
| L8    | 7    | 417/406-407.ccls. and (spacer or spacers) and ((vane or vanes) near2 (ring or rings))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 12:36 |
| L9    | 0    | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (vane or vanes or blade or blades) and ((ring or rings) near3 "cast metal") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 14:39 |
| L10   | 0    | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (vane or vanes or blade or blades) and ((ring or rings) near5 "cast metal") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 13:10 |

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| L11 | 5  | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (vane or vanes or blade or blades) and (ring or rings) and (cast near3 metal) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:11 |
| L12 | 0  | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (cast near3 metal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:11 |
| L13 | 5  | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (cast near3 metal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:21 |
| L14 | 29 | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and cast  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:23 |
| L15 | 15 | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and ((ring or rings) same cast)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:26 |
| L16 | 1  | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and ((spacer or spacers) near5 cast)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:27 |
| L17 | 11 | ("415"/\$.ccls. or "417"/\$.ccls. or 60/600-603.ccls.) and ((spacer or spacers) near5 cast)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:28 |
| L18 | 3  | ("415"/\$.ccls. or "417"/\$.ccls. or 60/600-603.ccls.) and ((spacer or spacers) near5 cast) and ((ring or rings) near5 cast)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:29 |
| L19 | 5  | (turbocharger or turbine or turbo or "turbo supercharger" or "turbo compressor") and ((spacer or spacers) near5 cast) and ((ring or rings) near5 cast)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 13:31 |
| L20 | 39 | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (vane or vanes or blade or blades) and (ring or rings) and (bore or bores)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 14:41 |

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| L21 | 14 | (415/160-166.ccls. or 417/406-407. ccls. or 60/600-603.ccls.) and (spacer or spacers) and (vane or vanes or blade or blades) and (ring or rings) and ((bore or bores) near3 (shaft or shafts)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 14:42 |
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